

| CONTACTLESS IC CARD 501 | Slot2 | O(2) | X(4) |
|----------------------------|-------|--------------------|----------|
| CONTAC | Slot1 | X(1) | (2) |
| | · | Slot1 | Slot2 |
| | | CONTACT LESS IC | CARD 502 |

 \times = COLLISION \bigcirc = NO COLLISION

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|-----------------------------------|-------------|----------------|--------------------------------|---------------------------------------|-----------|----------------|
| CONTACTLESS IC CARD 601 ot1 Slot2 | ot2 | NO JUDGMENT | O(4) | (8) | X(12) | X(16) |
| | SIS | JUDGMENT | (6)() | (2)() | X(11) | X(15) |
| CONTACTLES | Slot1 | NO JUDGMENT | (2) | (9) X | (10) | O(14) |
| | S | JUDGMENT | <u>X(1)</u> | O(5) | (6)() | O(13) |
| | | | JUDGMENT | NO JUDGMENT | JUDGMENT | NO JUDGMENT |
| | | | Slot1 | | Slot2 | |
| | - | | CONTACT LESS IC CARD 602 | | | |

 $X = COLLISION \bigcirc = NO COLLISION$

| CONTACTLESS IC CARD 701 | Slot2 | NO JUDGMENT | O(4) | (8) × |
|-------------------------|-------|----------------|--------------------------------|-------------|
| | Š | JUDGMENT * | O(3) | <u>(7)×</u> |
| NTACTLES | Slot1 | NO JUDGMENT | ×(2) | (9)O |
| 00 | | JUDGMENT ★ | O(1) | O(5) |
| | | | Slot1 | Slot2 |
| | | | CONTACT LESS IC CARD 702 | |

 \times = COLLISION \bigcirc = NO COLLISION

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|-------------------------|-------------|--------------------------------|---------------|----------------|-------------|--|
| CONTACTLESS IC CARD 801 | Slot4 | O(4) | O(8) | O(12) | ×(16) | |
| | Slot3 | O(3) | (<i>t</i>)O | ×(11) | O(15) | |
| NTACTLES | Slot2 | O(2) | (9) × | O(10) O(14) | O(14) | |
|))) | Slot1 | <u>×(1)</u> | O(5) | (6)() | O(13) | |
| | | Slot1 | Slot2 | Slot3 | Slot4 | |
| | | CONTACT LESS IC CARD 802 | | | | |

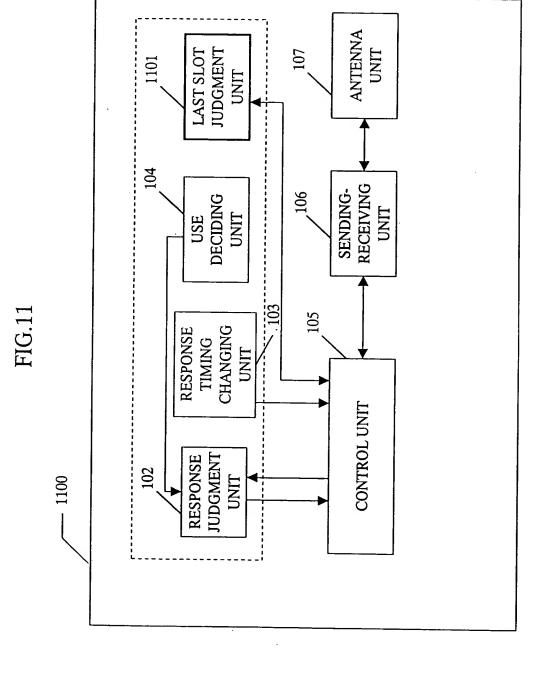
X=COLLISION O=NO COLLISION

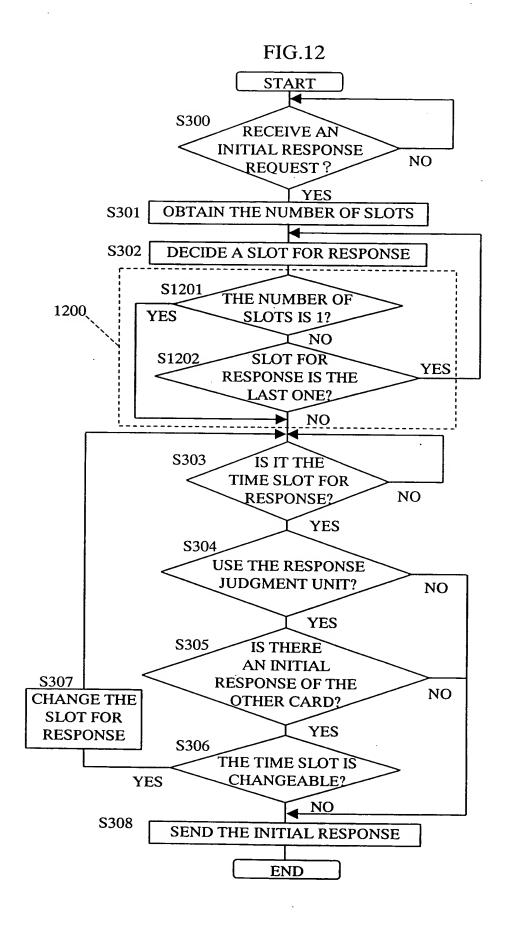
| ACTLESS IC CARD 901 | Slot2 Slot3 Slot4 | JUDGMENT NO JUDGMENT NO JUDGMENT NO JUDGMENT JUDGMENT | O(3) O(4) O(5) O(6) O(7) O(8) | O(11) O(12) O(13) O(14) O(15) O(16) | ×(19) O(20) O(21) O(22) O(23) O(24) | O(27) x(28) O(29) O(30) O(31) O(32) | O(35) O(36) × (37) O(38) O(39) O(40) | O(43) O(44) O(45) × (46) O(47) O(48) | O(51) O(52) O(53) O(54) <u>x (55)</u> <u>x (56)</u> | O(59) O(60) O(61) O(62) × (63) × (64) |
|---------------------|-------------------|---|------------------------------------|-------------------------------------|-------------------------------------|-------------------------------------|--------------------------------------|--------------------------------------|---|---------------------------------------|
| | Slot1 | JUDGMENT NO JUDGMENT | ×(1) O(2) | O(9) × (10) | O(17) O(18) | O(25) O(26) | O(33) O(34) | O(41) O(42) | O(49) O(50) | O(57) O(58) |
| | | <u> </u> | Slot1 JUDGMENT | NO JUDGMENT | Slot2 JUDGMENT | NO JUDGMENT | Slot3 JUDGMENT | NO JUDGMENT | Slot4 JUDGMENT | NO JUDGMENT |
| | | | ි ි ි ි CONTACTLESS IC CARD 902 | | | | | | | |

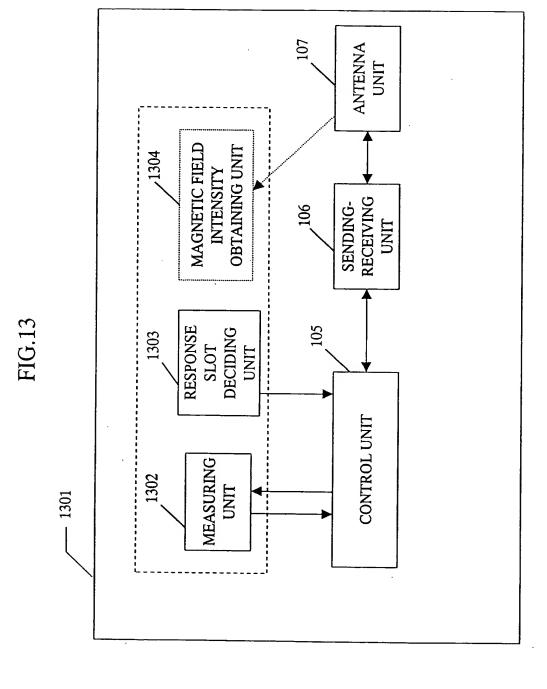
 $X = COLLISION \bigcirc = NO COLLISION$

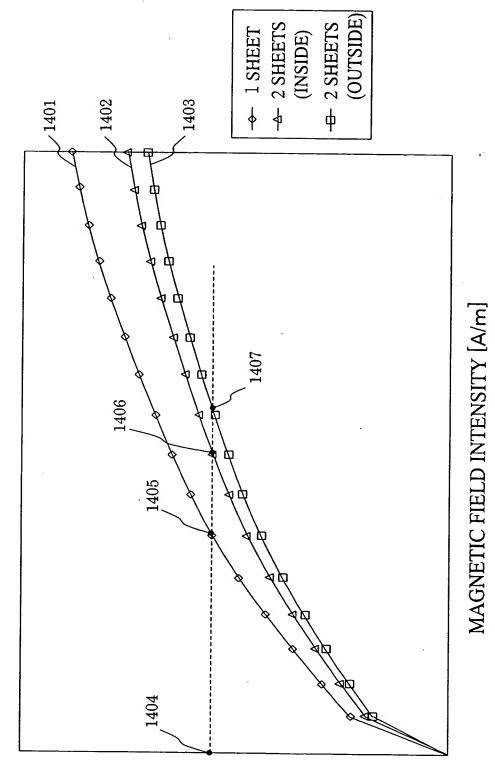
| | 4 | NO JUDGMENT | O(8) | O(16) | O(24) | × (32) |
|--------------------------|-------------|----------------|--------------------------|-----------|-----------|-----------|
| | t3 Slot4 | JUDGMENT J | O(7) | O(15) | O(23) | ×(31) |
| 1001 | | NO JUDGMENT | (9)O | O(14) | × (22) | O(30) |
| IC CARD 1 | Slot2 Slot3 | JUDGMENT * | O(5) | O(13) | O(21) | O(29) |
| CONTACTLESS IC CARD 1001 | | NO JUDGMENT | O(4) | ×(12) | O(20) | O(28) |
| CON | Slot1 Sl | JUDGMENT ★ | O(3) | O(11) | O(19) | O(27) |
| | | NO JUDGMENT | ×(2) | O(10) | O(18) | O(26) |
| | ĬS | JUDGMENT ★ | O(±) | (6)O | O(17) | O(25) |
| | | | Slot 1 | Slot 2 | Slot 3 | Slot 4 |
| | | | CONTACTLESS IC CARD 1002 | | | |

 \times = COLLISION \bigcirc = NO COLLISION

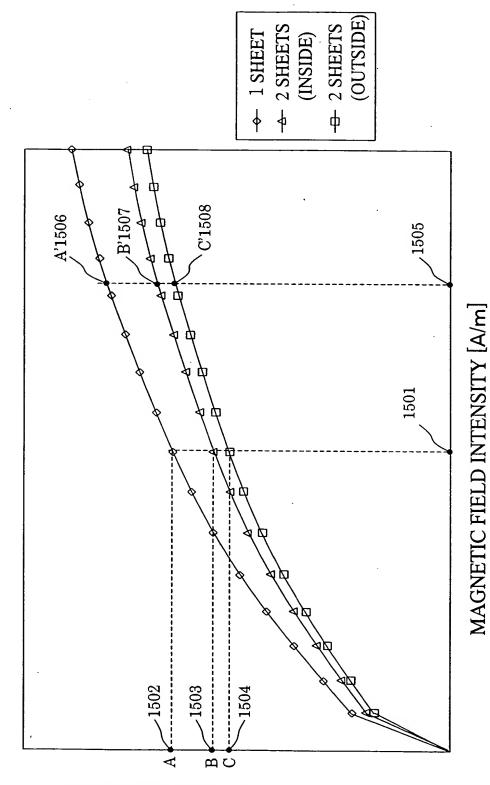








ELECTROMOTIVE FORCE (VOLTAGE) [V]



ELECTROMOTIVE FORCE (VOLTAGE) [V]

FIG.16 PRIOR ART

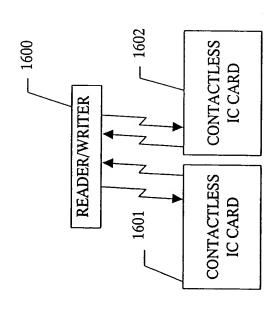


FIG.17 PRIOR ART

